Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112122\
Data File : BM037671.D
Acq On : 23 Nov 2022 09:29
Operator : CG/JU
Sample : N5591-14
Misc :
ALS Vial : 72 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C9826

Quant Time: Nov 24 01:48:28 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 21 22:36:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	8262	0.400	ng/ul	0.00
4) Naphthalene-d8	10.946	136	25020	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.746	164	15090	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.473	188	33743	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.637	240	25073	0.400	ng/ul	# 0.00
23) Perylene-d12	24.124	264	24161	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.450	96	54153	5.637	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.519	152	11662	0.281	ng/ul	0.00
18) Fluoranthene-d10	19.489	212	29813	0.360	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.996	128	3745	0.049	ng/ul#	95
7) 2-Methylnaphthalene	12.590	142	2414	0.047	ng/ul	100
8) 1-Methylnaphthalene	12.805	142	1760	0.033	ng/ul	100
15) Phenanthrene	17.520	178	22985	0.199	ng/ul	99
16) Anthracene	17.520	178	15269	0.137	ng/ul	98
19) Fluoranthene	19.517	202	48178	0.398	ng/ul#	93
20) Pyrene	19.884	202	42045	0.334	ng/ul	98
21) Benzo(a)anthracene	21.619	228	18851	0.168	ng/ul	99
22) Chrysene	21.675	228	18771	0.169	ng/ul	97
24) Benzo(b)fluoranthene	23.361	252	21837	0.198	ng/ul#	73
26) Benzo(a)pyrene	24.013	252	13510	0.141	ng/ul#	68
27) Indeno(1,2,3-cd)pyrene	26.725	276	8172	0.064	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.732	278	2264	0.023	ng/ul#	26
29) Benzo(g,h,i)perylene	27.526	276	6233	0.058	ng/ul#	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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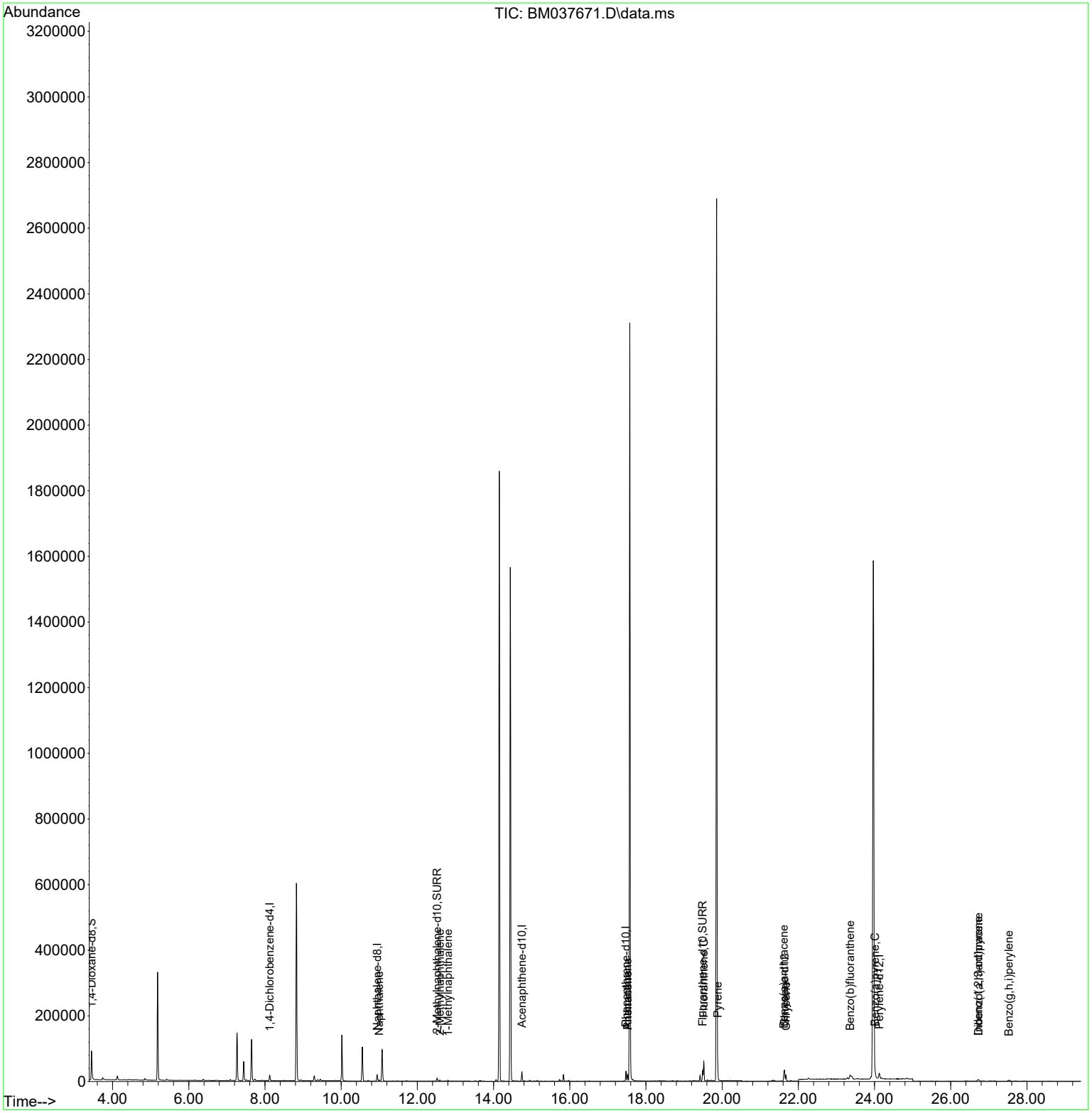
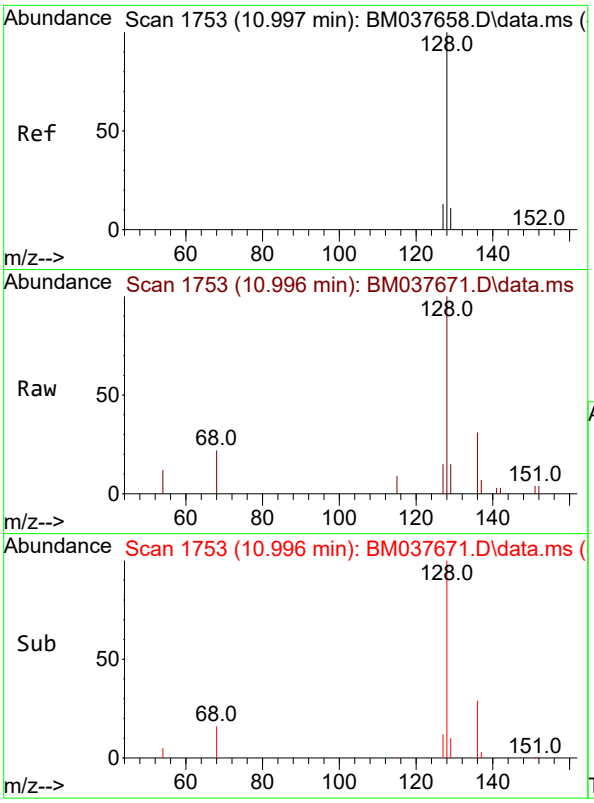


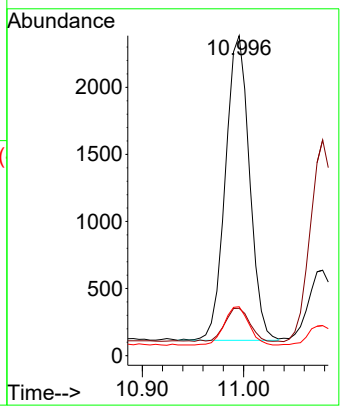


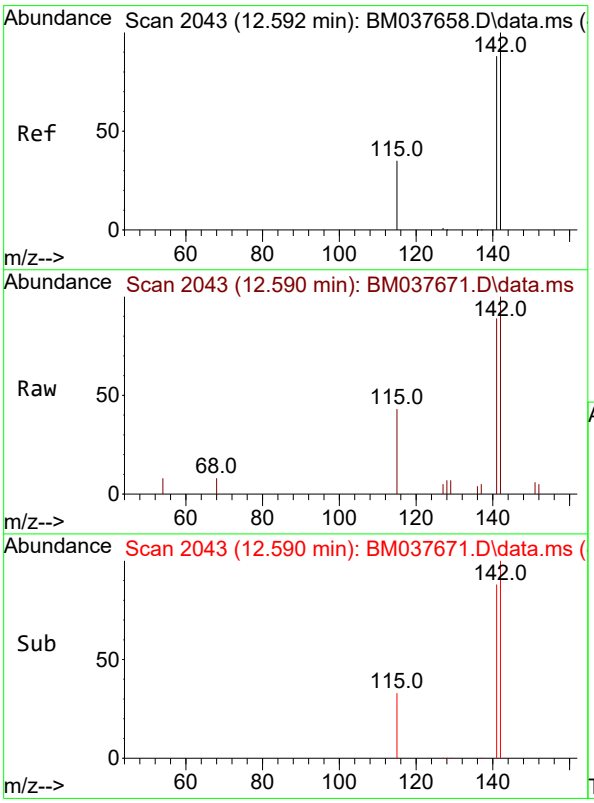
#5
Naphthalene
Concen: 0.049 ng/ul
RT: 10.996 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

Instrument :
BNA_M
ClientSampleId :
C9826

Tgt Ion:128 Resp: 3745

Ion	Ratio	Lower	Upper
128	100		
129	14.8	9.8	14.8#
127	15.3	11.0	16.4

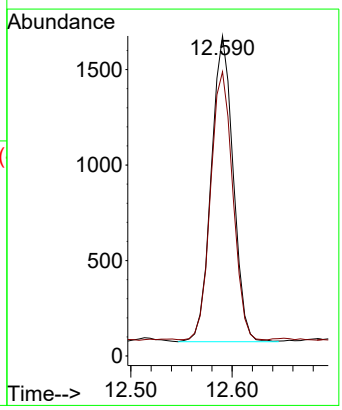


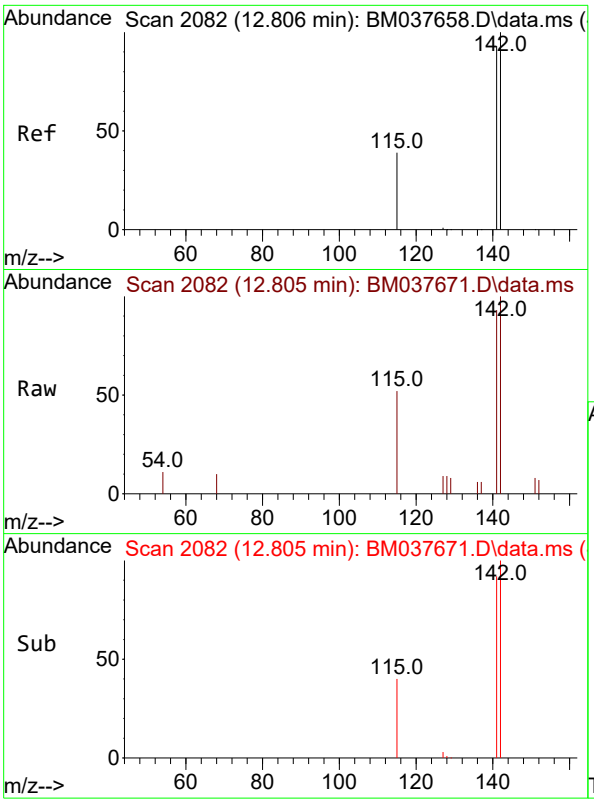


#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.590 min Scan# 2043
Delta R.T. -0.005 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

Tgt Ion:142 Resp: 2414

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.4



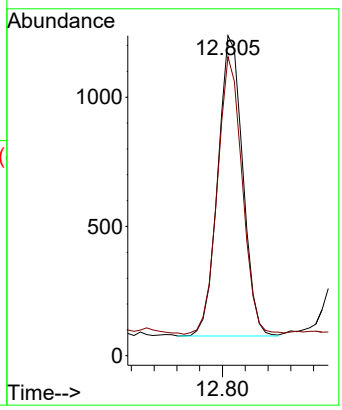


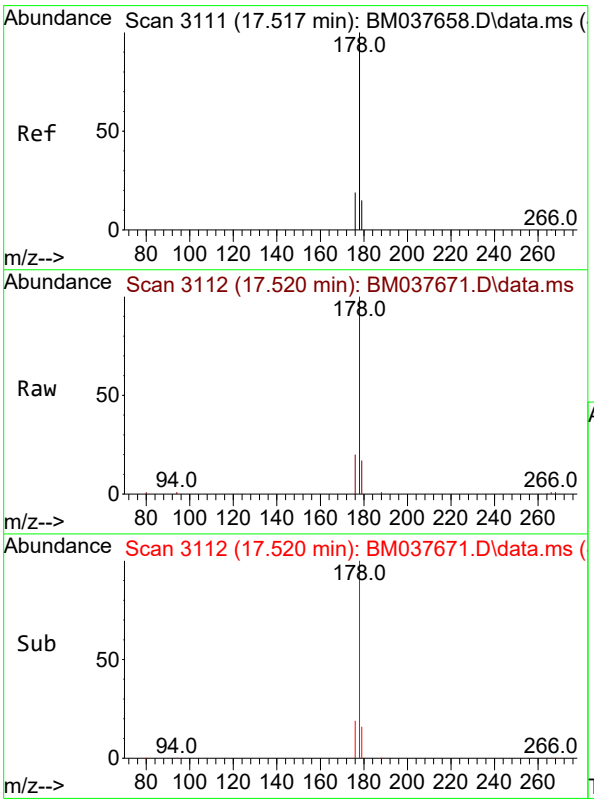
#8
1-Methylnaphthalene
Concen: 0.033 ng/ul
RT: 12.805 min Scan# 2
Delta R.T. -0.005 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

Instrument :
BNA_M
ClientSampleId :
C9826

Tgt Ion:142 Resp: 1760

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.4	110.0

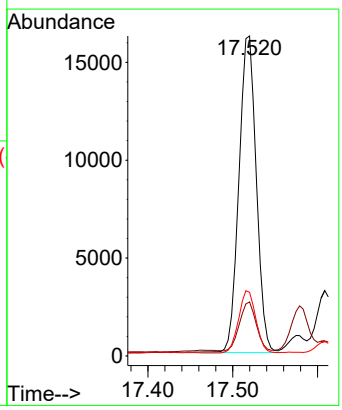


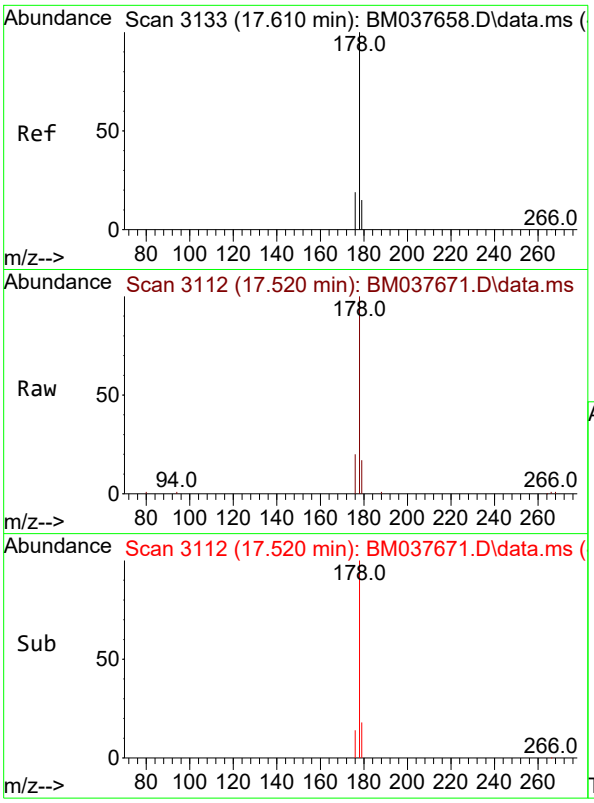


#15
Phenanthrene
Concen: 0.199 ng/ul
RT: 17.520 min Scan# 3112
Delta R.T. -0.004 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

Tgt Ion:178 Resp: 22985

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.6	18.8
176	19.9	16.0	24.0



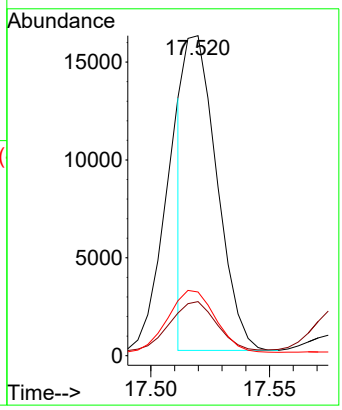


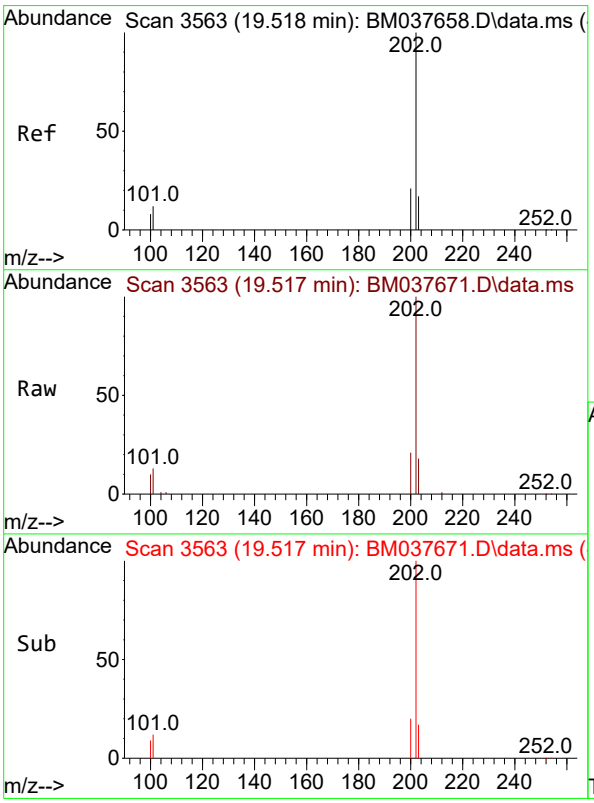
#16
Anthracene
Concen: 0.137 ng/ul
RT: 17.520 min Scan# 3
Delta R.T. -0.093 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

Instrument :
BNA_M
ClientSampleId :
C9826

Tgt Ion:178 Resp: 15269

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.8	19.2
176	19.9	15.0	22.6

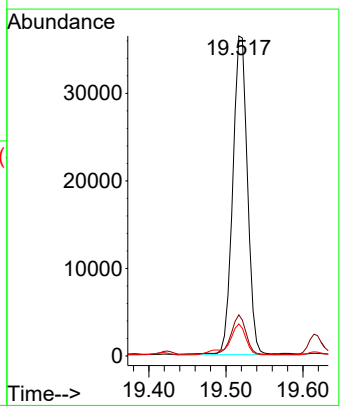


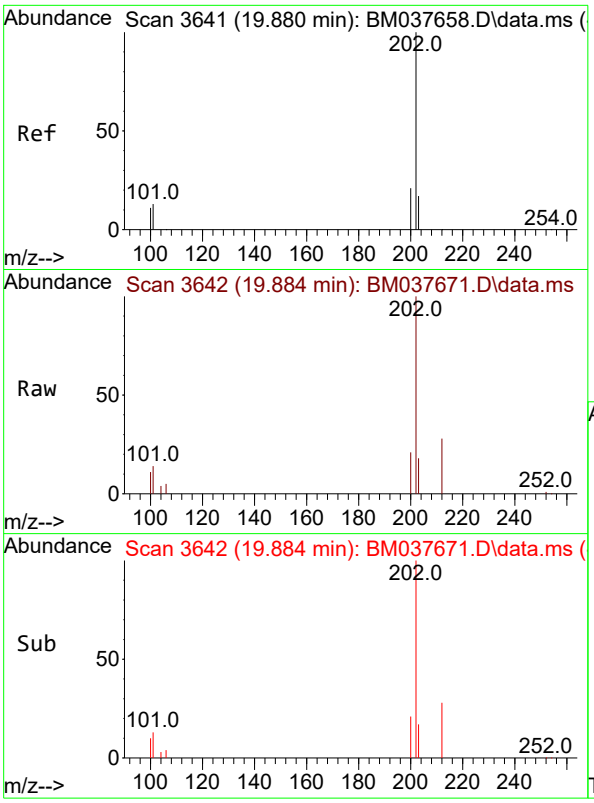


#19
Fluoranthene
Concen: 0.398 ng/ul
RT: 19.517 min Scan# 3563
Delta R.T. -0.005 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

Tgt Ion:202 Resp: 48178

Ion	Ratio	Lower	Upper
202	100		
101	12.9	8.2	12.2#
100	10.0	6.1	9.1#



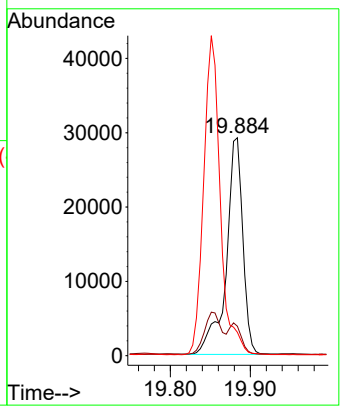


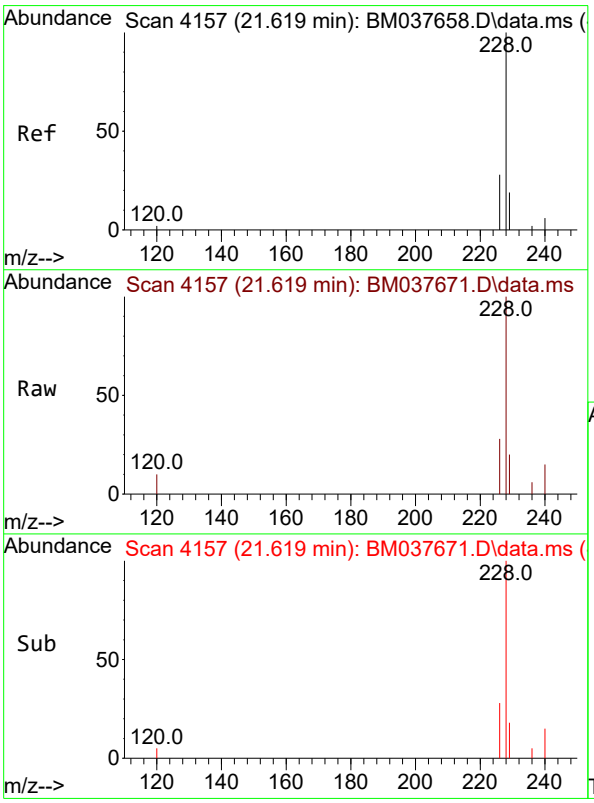
#20
Pyrene
Concen: 0.334 ng/ul
RT: 19.884 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

Instrument :
BNA_M
ClientSampleId :
C9826

Tgt Ion:202 Resp: 42045

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.1	15.1
100	10.7	8.0	12.0

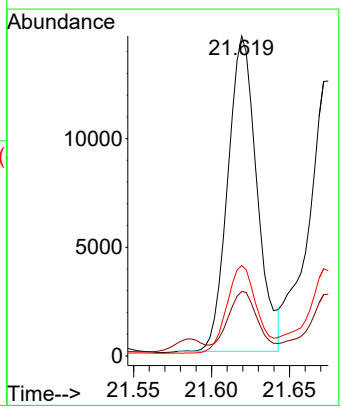


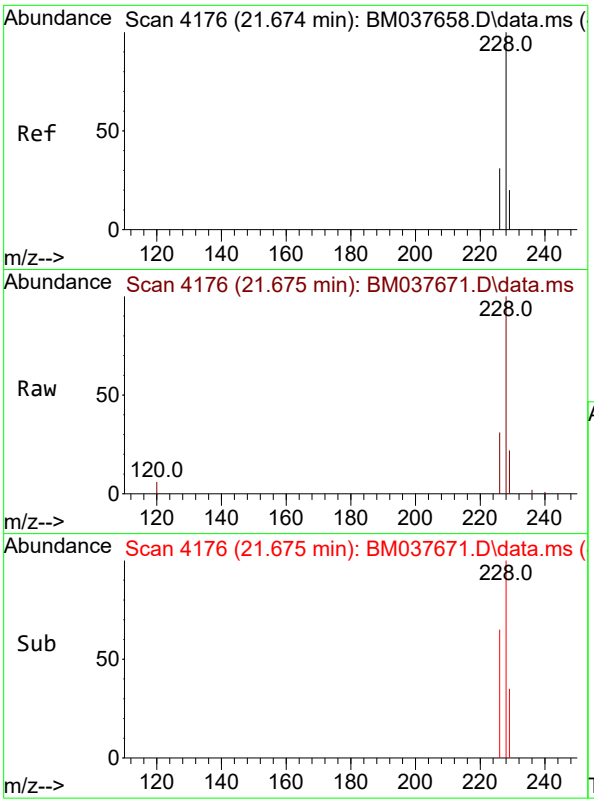


#21
Benzo(a)anthracene
Concen: 0.168 ng/ul
RT: 21.619 min Scan# 4157
Delta R.T. -0.003 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

Tgt Ion:228 Resp: 18851

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	28.3	22.2	33.2



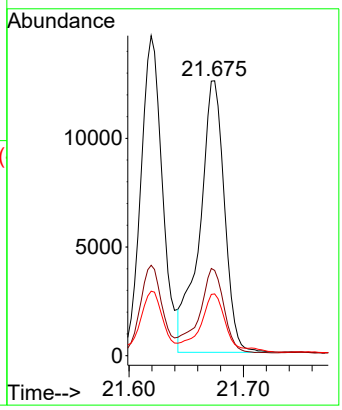


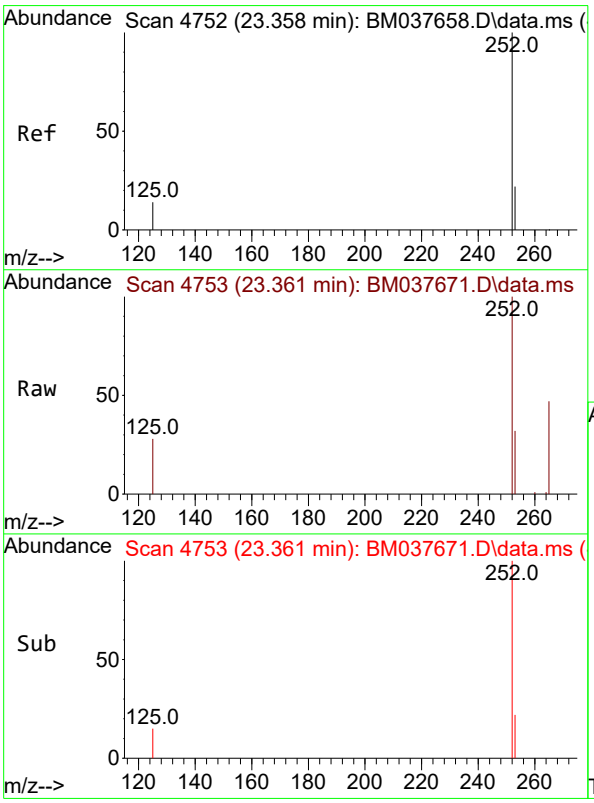
#22
Chrysene
Concen: 0.169 ng/ul
RT: 21.675 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

Instrument :
BNA_M
ClientSampleId :
C9826

Tgt Ion:228 Resp: 18771

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	22.5	15.5	23.3

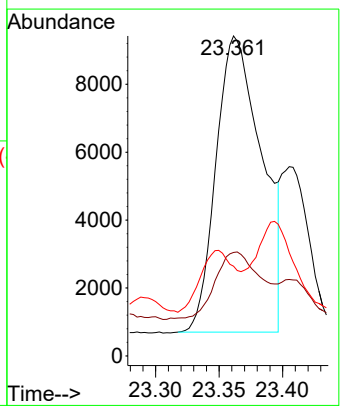


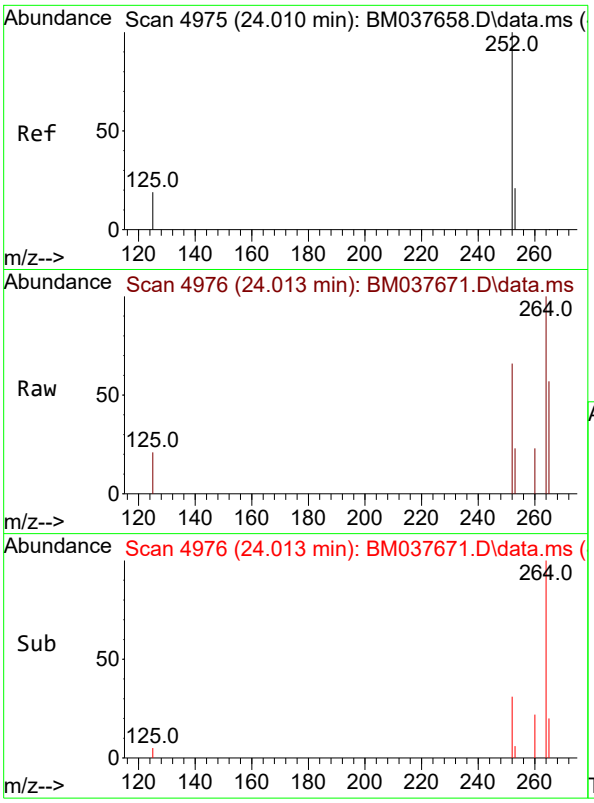


#24
Benzo(b)fluoranthene
Concen: 0.198 ng/ul
RT: 23.361 min Scan# 4753
Delta R.T. 0.000 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

Tgt Ion:252 Resp: 21837

Ion	Ratio	Lower	Upper
252	100		
253	32.4	0.0	46.2
125	28.0	0.0	23.4#



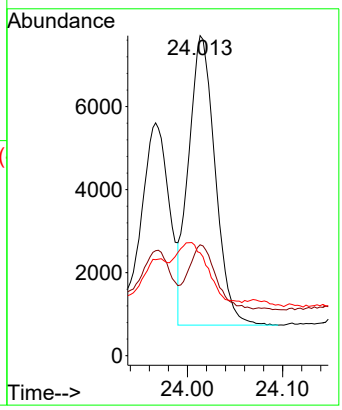


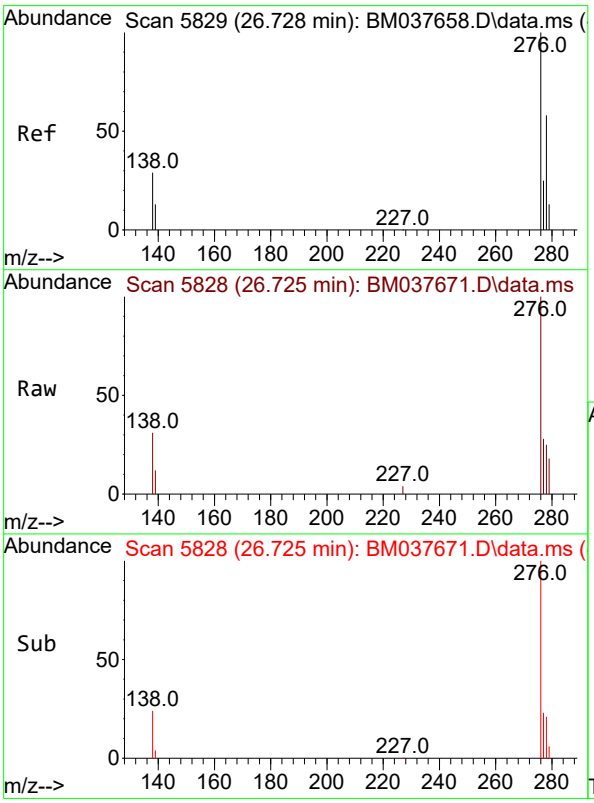
#26
Benzo(a)pyrene
Concen: 0.141 ng/ul
RT: 24.013 min Scan# 4
Delta R.T. 0.000 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

Instrument :
BNA_M
ClientSampleId :
C9826

Tgt Ion:252 Resp: 13510

Ion	Ratio	Lower	Upper
252	100		
253	34.6	18.8	28.2#
125	32.2	10.5	15.7#

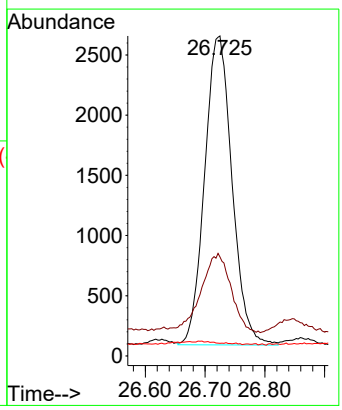


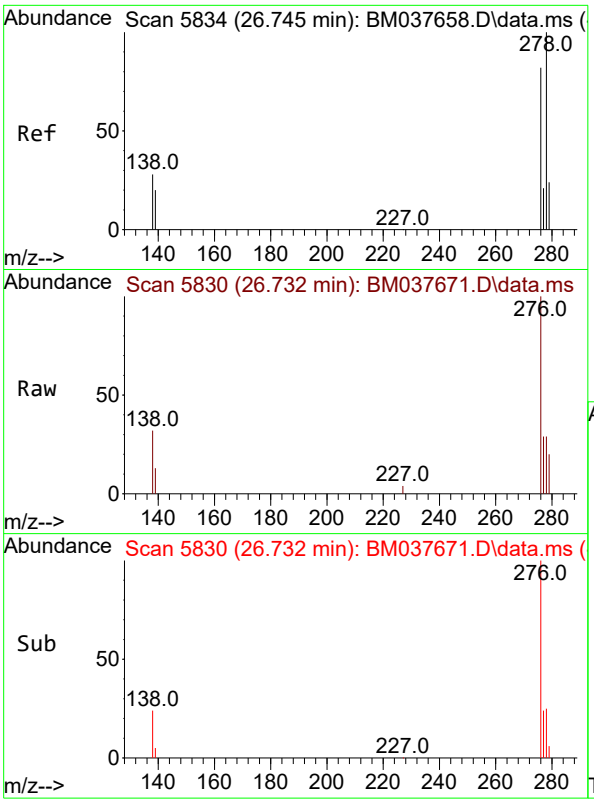


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.064 ng/ul
RT: 26.725 min Scan# 5828
Delta R.T. -0.003 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

Tgt Ion:276 Resp: 8172

Ion	Ratio	Lower	Upper
276	100		
138	27.9	21.2	31.8
227	0.0	0.1	0.1#



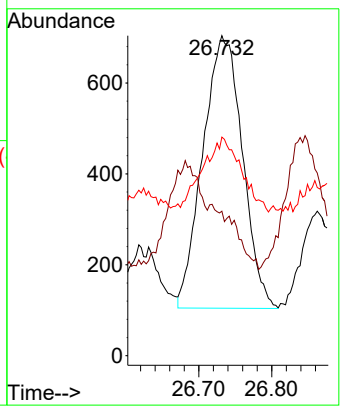


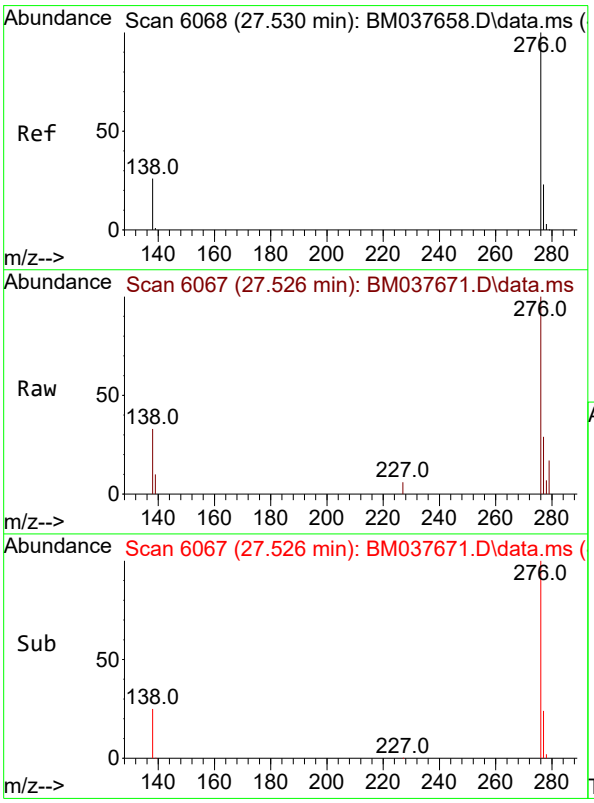
#28
Dibenzo(a,h)anthracene
Concen: 0.023 ng/ul
RT: 26.732 min Scan# 5
Delta R.T. -0.017 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

Instrument :
BNA_M
ClientSampleId :
C9826

Tgt Ion:278 Resp: 2264

Ion	Ratio	Lower	Upper
278	100		
139	45.2	15.2	22.8#
279	68.3	20.2	30.2#





#29
Benzo(g,h,i)perylene
Concen: 0.058 ng/ul
RT: 27.526 min Scan# 6067
Delta R.T. -0.007 min
Lab File: BM037671.D
Acq: 23 Nov 2022 09:29

Tgt Ion:276 Resp: 6233

Ion	Ratio	Lower	Upper
276	100		
138	33.4	19.0	28.4#
277	29.5	19.4	29.2#